

Work Order ID 127622-1

127622

Page 1

December-17-14 1:40:49 PM

Item ID: K10021

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Spacepod Hardware (-241)

Stop *NS2*

Start Date: 12/17/14 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 12/17/14 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: MCS Date: 14-12-23 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100 Pick Kit

0.00

DAS
06
9-89

100

Packaging

Memo

0.00

Packaging

DAS
06
9-89

110

QC4- 100% Inspect kits for completeness

0.00

110

QC

Memo

0.00

Quality Control

DAS
46
9-89

FEB 10 2015

120

Identify as per dwg & Stock Location: _____

0.00

120

Packaging

Memo

0.00

Packaging

FEB 10 2015

DAS
06
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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127622

Page 2

N900040100

Setup **Start** ***NS1***

Stop *NS2*

Start Date: 12/17/14 **Start Qty:** 2.00

2

Cust Item ID:

Required Date: 12/17/14 **Req'd Qty:** 2.00

?

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Operation Description

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

**Accept
Qty**

Reject Qty

Reject Number

**Insp.
Stamp**

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

MJ 15-02-11

AA 15.2-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:48 PM

Page 1

Work Order ID: 127622

127622

Parent Item: K10021

K10021

Parent Item Name: Spacepod Hardware (-241)

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP A 07.03.07 new issue EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
A3235-020-935 Washer, Countersunk		Purchased	No			110	Each	179.0000	8 1	16			
A3235-020-935 DAS 46 9-89 Location ST548 106150 Loc Qty 179 179 Loc Code 													
											DAS 27 9-89 FEB 10 2015		
ALS7-1032-130 Rivnut	AELS8-1032-130	Purchased	No			110	Each	6,860.000	16	32			
ALS7-1032-130 DAS 46 9-89 Location CCK003 M128649 FG 121444 Loc Qty 6760 6760 100 100 Loc Code 													
											DAS 27 9-89 FEB 10 2015		
AN3-10A Bolt		Purchased	No			110	Each	218.0000	2	4			
AN3-10A DAS 46 9-89 Location GA m127817 ST338a m130466 ST349 m128813 Loc Qty 16 16 200 200 2 2 Loc Code 													
											DAS 27 9-89 FEB 10 2015		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:48 PM

Page 2

Work Order ID: 127622

127622

Parent Item: K10021

K10021

Parent Item Name: Spacepod Hardware (-241)

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

AN3-3A Purchased No

110 Each 364.0000 8 16

AN3-3A
Bolt

DAS
46
9-89

**

DAS
27
9-89
FEB 10 2015

Location

Loc Qty

Loc Code

ST338a

360

m129591

360

ST350

4

m130466

4

Each

29.0000

4

AN3H4 Purchased No

AN3H4
Bolt

DAS
46
9-89

**

DAS
27
9-89
FEB 10 2015

Location

Loc Qty

Loc Code

ST350

29

m129443

29

110 Each

284.0000

36 72

AN525-10R7 Purchased No

AN525-10R7
SCREW

DAS
46
9-89

**

DAS
27
9-89
FEB 10 2015

Location

Loc Qty

Loc Code

ST329

284

m128429

284

110 Each

131.0000

8 16

AN526C832R14 Purchased No

AN526C832R14
Screw

DAS
46
9-89

**

DAS
27
9-89
FEB 10 2015

Location

Loc Qty

Loc Code

ST327

131

m124215

131

16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:48 PM

Page 3

Work Order ID: 127622

127622

Parent Item: K10021

K10021

Parent Item Name: Spacepod Hardware (-241)

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

AN5-5A

Purchased No

110 Each

33.0000

11 2

DAS
27

FEB 10 2015

AN5-5A

DAS
46
9-89

Bolt

Location

Loc Qty

Loc Code

ST339

33

110865

33

110 Each

11.0000

2 4

DAS
27

FEB 10 2015

D2174-041

Manufactured No

D2174-041

DAS
46
9-89

Web Assembly

Location

Loc Qty

Loc Code

ST479

11

106294

4

106295

1

106299

1

107694

1

109605

4

110 Each

22.0000

1 2

DAS
27

FEB 10 2015

D2589

Manufactured No

D2589

DAS
46
9-89

Keys, Key Chain

Location

Loc Qty

Loc Code

ST008

22

123246

22

110 Each

13.0000

1 2

DAS
27

FEB 10 2015

D2985

Manufactured No

D2985

DAS
46
9-89

Label

Location

Loc Qty

Loc Code

ST014

13

104987

9

106718

4

2

December-17-14 1:40:48 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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December-17-14 1:40:48 PM

Page 4

Work Order ID: 127622

Parent Item: K10021

Parent Item Name: Spacepod Hardware (-241)

127622

K10021

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

D3015-3

Manufactured No

110

Each

67.0000

2

DAS
27

FEB 10 2015

D3015-3
Locknut

DAS
46
9-89

Location

Loc Qty

Loc Code

FG

18

95758

8

96151

10

ST015

49

49

117832

D3547-1

Manufactured No

110

Each

26.0000

1

2

DAS
27

FEB 10 2015

D3547-1
Bracket

DAS
46
9-89

Location

Loc Qty

Loc Code

ST049

26

26

106214

D3550-1

Manufactured No

110

Each

5.0000

2

DAS
27

FEB 10 2015

D3550-1
Strut

DAS
46
9-89

Location

Loc Qty

Loc Code

ST358

5

101529

1

112152

1

83114

3

B66019

DQA: _____ Date: _____



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Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:48 PM

Page 5

Work Order ID: 127622

Parent Item: K10021

Parent Item Name: Spacepod Hardware (-241)

127622

K10021

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

D3552-7

Manufactured No

110 Each 13.0000

D3552-7

DAS
46
9-89

Door Prop

**

DAS
27
9-89

FEB 10 2015

Location

Loc Qty

Loc Code

FG

2

85044

2

ST363

11

106032

3

115663

1

118882

5

83115

2

D3554-7

Manufactured No

110 Each 27.0000

D3554-7

DAS
46
9-89

Ball Stud

**

DAS
27
9-89

FEB 10 2015

Location

Loc Qty

Loc Code

FG

5

87039

5

ST049

22

87571

22

MS21042L3

Purchased No

110 Each 998.0000

MS21042L3

DAS
46
9-89

Nut

**

DAS
27
9-89

FEB 10 2015

Location

Loc Qty

Loc Code

FP001

489

M130922

489

GA

33

M128754

33

ST305

473

M130799

473

ST307

3

123900

3

December-17-14 1:40:48 PM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:48 PM

Page 6

Work Order ID: 127622

Parent Item: K10021

Parent Item Name: Spacepod Hardware (-241)

127622

K10021

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

MS21042L5

Purchased

No

110

Each

628.0000

1 2

MS21042L5

DAS

46

9-89

Nut

**

DAS

27

FEB / 0 2015

Location

Loc Qty

Loc Code

GA

496

m127813

496

ST305

132

m130358

132

MS24694-S67

Purchased

No

110

Each

102.0000

7 14

MS24694-S67

DAS

46

9-89

Screw

**

DAS

27

FEB / 0 2015

Location

Loc Qty

Loc Code

ST288

102

m115016

2

m127305

100

MS24694-S69

Purchased

No

110

Each

41.0000

1 2

MS24694-S69

DAS

46

9-89

Screw

**

DAS

27

FEB / 0 2015

Location

Loc Qty

Loc Code

ST288

41

m12492

41

NAS1149D0332J

Purchased

No

110

Each

2,191.000

16 32

NAS1149D0332J

DAS

46

9-89

Washer

**

DAS

27

FEB / 0 2015

Location

Loc Qty

Loc Code

CA

14

m129682

14

FP001

43

m130325

43

ST269

2134

m130325

2134

December-17-14 1:40:49 PM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

December-17-14 1:40:49 PM

Page 7

Work Order ID: 127622

Parent Item: K10021

Parent Item Name: Spacepod Hardware (-241)

127622

K10021

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0363J

Purchased

No

110

Each

2,128.000

8

16

NAS1149D0363.J

DAS

46

Washer

9-89

**

DAS

27
FEB 10 2015

Location

Loc Qty

Loc Code

CA

673

m130799

673

FP001

154

m126319

154

GA

810

m128429

810

ST269

491

122378

254

m126319

237

NAS1149D0563J

Purchased

No

110

Each

2,162.000

3

6

NAS1149D0563.J

DAS

46

Washer

9-89

**

DAS
27
FEB 10 2015

Location

Loc Qty

Loc Code

GA

130

m125807

130

ST260a

400

m130799

400

ST269

632

m128257

632

ST271

1000

m131026

1000

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Doc/Data									
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Material									
Operator									
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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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FEB 10 2015

DAS
46
9-89

-241	-242	-243	-245	-246	-247	-248	-249	-449	Part Number	Description
X									D350-600-241	SPACEPOD™ LH, AS350 /
	X								D350-600-242	SPACEPOD™ RH, AS350/355
		X							D355-600-243	SPACEPOD™ LH, AS355
1		1	X						D350-600-245	DOOR ASSEMBLY LH
	1			X					D350-600-246	DOOR ASSEMBLY RH
					X				D350-600-247	SPACEPOD™ UPGRADE KIT LH
						X			D350-600-248	SPACEPOD™ UPGRADE KIT RH
							X		D350-600-249	SPACEPOD™ UPGRADE KIT
1	1	1						X	D350-600-449	SWITCH RELOCATION KIT
2	2	2							D2174-041	WEB ASSEMBLY
							1		D2464-0360	NEOPRENE SEAL
1	1	1							D2589	KEYS, KEY CHAIN /
1	1	1							D2985	DECAL /
					1	1	1		D3015-3	LOCK NUT /
			1		1				D3186-3	SPACEPOD DOOR, LH
1**		1**		1		1			D3186-4	SPACEPOD DOOR, RH
	1**								D3187-1	FLOOR
1									D3187-2	FLOOR
	1								D3188-5	SPACEPOD BODY
									D3188-6	SPACEPOD BODY
		1							D3188-7	SPACEPOD BODY
1	1	1			1	1	1		D3547-1	BRACKET /
1	1	1			1	1	1		D3550-1	STRUT /
1			1	1	1	1	1		D3552-7	GAS SPRING
1	1	1			1	1	1		D3554-7	BALL STUD /
8	8	8							AN3-3A	BOLT /
2	2	2							AN3-10A	BOLT /
8	8	8							AN3H4	BOLT /
1	1	1			1	1	1		AN5-5A	BOLT /
36	36	36							AN525-10R7	SCREW
8	8	8			4	4	4		AN526C832R14	SCREW /
7	7	7							MS24694S67	SCREW /
1	1	1			1	1	1		MS24694S69	SCREW /
			2	2	2	2	2		MS27039-0811	SCREW
8	8	8			1	1	1		AN3235-020-935	WASHER /
8	8	8							AN960JD10	WASHER /
16	16	16			1	1	1		AN960JD10L	WASHER /
			4	4	8	8	8		AN960JD8	WASHER
3	3	3			3	3	3		AN960JD516	WASHER /
			2	2	2	2	2		NAS1515H3	NYLON WASHER
			2	2	6	6	6		MS21042L08	NUT
16	16	16			1	1	1		MS21042L3	NUT (or MS21042-3) /
1	1	1			1	1	1		MS21042L5	NUT /
16	16	16							AKS7-1032-130	INSERT
28**	28**	28**							AKS7-1032-130	INSERT
								3	M81824/1-2	SPLICE

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 Date: 09.07.31